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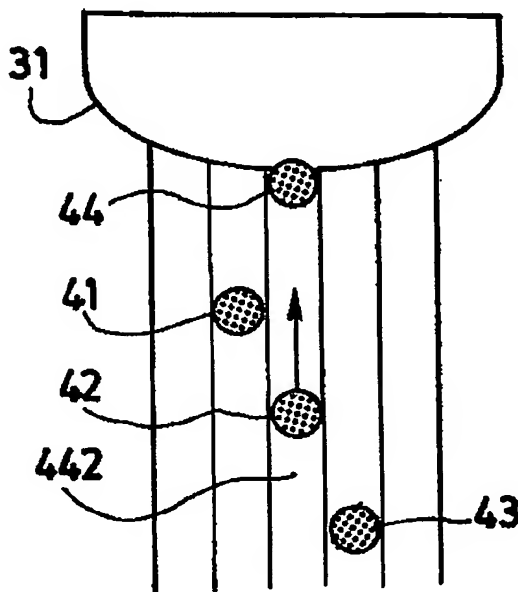
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(54) Title: ACTUATOR POSITION CONTROL METHOD AND CORRESPONDING APPARATUS



(57) Abstract: The invention relates to an actuator po-
sition control method for use in a recorded information
reproducing apparatus. Front, main and rear beams (or
at least one main beam) are directed onto a recorded
track formed on a rotating optical recording medium
and respective first, second and third signals are pro-
duced in response to light reflected by said recorded
track when it is scanned by the main beam. The control
method comprises the steps of producing from a source
of light said beam(s); scanning with the main beam the
recorded track; controlling the position of said main
beam with respect to the recorded track in response
to position control signals, and reading the recorded
information by means of a specific processing opera-
tion of the second signal. According to the invention,
said method also comprises the steps of scanning in
advance, with an additional beam arranged in such a
way that it precedes the main one in the scanning di-
rection, a portion of recorded track which is located in
front of the portion of recorded track that will be later,
after a predetermined delay, scanned by the main beam
; and, on the basis of signals generated in response to
the occurrence of possible defects, cancelling the ef-
fects of the variations of said corresponding signals,
subsequent to variations of reflected light caused by
said defects, by means of a modification of the posi-
tion control signals for controlling the position of said
main beam.

WO 2004/114287 A1



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